

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	9	("7033443" "7040525" "6974709" "5542559").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 23:45
L9	6	("7033443" "7040525" "6974709" "5542559").pn. and vacuum\$3 same gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 23:45
S1	36	("20040083975" "5542559" "5665166" "5413360" "5522131" "5812361" "6500686" "6946403" "6974709" "6084763" "6370006" "6414834" "6557248" "6581275" "7033443").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 22:32
S3	16	S1 and vacuum\$3 and (chuck\$3 echuck\$3 e-chuck\$3 (electrostatic adj chuck\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 22:35
S4	3	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near3 vacuum\$3 near3 (simultaneous\$2 ("same" adj time) concurrent\$2) near3 (process\$3 etch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 22:56
S5	5	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near3 (simultaneous\$2 ("same" adj time) concurr\$5 coincident\$2 synchron\$6) near5 (process\$3 etch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 23:04

## EAST Search History

S6	2	S5 not S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 23:03
S7	10	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near7 vacuum\$3 near7 (simultaneous\$2 ("same" adj time) concurr\$5 coincident\$2 synchron\$6) near7 (process\$3 etch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 23:24
S8	5	S7 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 23:21
S9	693	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) same vacuum\$3 same (simultaneous\$2 ("same" adj time) concurr\$5 coincident\$2 synchron\$6) same (process\$3 etch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 17:31
S10	6396	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 catch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 17:56
S11	693	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) same vacuum\$3 same (simultaneous\$2 ("same" adj time) concurr\$5 coincident\$2 synchron\$6) same (process\$3 etch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 17:50

## EAST Search History

S12	6096	S10 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 17:50
S13	96	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 catch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) same assist\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 18:13
S14	87	S13 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 17:57
S15	7315	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near7 vacuum\$3 near7 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 catch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 18:30
S16	6715	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near7 vacuum\$3 near7 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 catch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) not (vacuum adj chucking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 18:47

## EAST Search History

S17	4566	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near3 vacuum\$3 near3 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) not (vacuum adj chucking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 18:53
S18	1496	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near3 vacuum\$3 near3 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) not (vacuum\$3 adj chuck\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 18:53
S19	4566	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near3 vacuum\$3 near3 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4)) not (vacuum adj chucking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 18:53
S20	1496	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near3 vacuum\$3 near3 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4)) not (vacuum\$3 adj chuck\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:08

## EAST Search History

S21	14	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near3 vacuum\$3 near3 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) near (combinat\$3 both)) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:12
S22	16	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near3 vacuum\$3 near3 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) near (combinat\$3 both assist\$3 cooperat\$3)) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:13
S23	36	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) near5 (combinat\$3 both assist\$3 cooperat\$3)) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:29

## EAST Search History

S24	1103	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) ) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:53
S25	215	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) ) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:36
S26	6	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) same (assist\$3 cooperat\$3 help\$3 aid\$3)) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:38

## EAST Search History

S27	17	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) same (assist\$4 help\$3 aid\$3 abet\$3 back\$3 boost\$3 facilitat\$3 collaborat\$3 cooperat\$3)) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:42
S28	215	((esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) E-chuck\$3 E\$chuck\$3) and (esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)) chuck\$3 E-chuck\$3 E\$chuck\$3) near5 vacuum\$3 near5 (clamp\$3 grip\$4 lift\$3 levitat\$3 suspen\$4 secur\$3 clasp\$3 atch\$3 clip\$4 embrac\$3 fasten\$3 grasp\$3 hasp\$3 hold\$3 snap\$4) ) not ((vacuum\$3 adj chuck\$3) mask reticle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 19:54
S29	830	361/234.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 21:21
S30	3	"5542559".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 21:32